

MUSTAQIL ISHLASH UCHUN MASALALAR YECHIMLARI

1-masala. Yechim

```
#include <iostream>
using namespace std;

int main() {
    int n;
    cin >> n;
    if (n % 3 == 0 && n % 5 != 0) cout << "YES";
    else cout << "NO";
    return 0;
}
```

2-masala. Yechim

```
#include <iostream>
using namespace std;

int main() {
    long long n;
    cin >> n;
    if (n < 0) n = -n;

    int mx = -1;
    while (n > 0) {
        int d = n % 10;
        if (d % 2 == 0)
            mx = max(mx, d);
        n /= 10;
    }
    cout << mx;
    return 0;
}
```

3-masala. Yechim

```
#include <iostream>
using namespace std;

int main() {
    int n, x;
    cin >> n;
    for (int i = 0; i < n; i++) {
        cin >> x;
    }
}
```

```

        if (x % 5 == 0 && x % 10 != 0) {
            cout << x;
            return 0;
        }
    }
    cout << 0;
    return 0;
}

```

4-masala. Yechim

```

#include <iostream>
using namespace std;

int main() {
    long long n;
    cin >> n;
    if (n < 0) n = -n;

    int prev = 10;
    while (n > 0) {
        int d = n % 10;
        if (d >= prev) {
            cout << "NO";
            return 0;
        }
        prev = d;
        n /= 10;
    }
    cout << "YES";
    return 0;
}

```

5-masala. Yechim

```

#include <iostream>
using namespace std;

int main() {
    int n, x, prev;
    cin >> n;
    cin >> prev;
    int cnt = 0;

    for (int i = 1; i < n; i++) {
        cin >> x;
    }
}

```

```

        if (prev % 2 == 0 && x % 2 == 0)
            cnt++;
        prev = x;
    }
    cout << cnt;
    return 0;
}

```

6-masala. Yechim

```

#include <iostream>
using namespace std;

int main() {
    long long n;
    cin >> n;
    while (n % 2 == 0)
        n /= 2;
    cout << n;
    return 0;
}

```

7-masala. Yechim

```

#include <iostream>
using namespace std;

int main() {
    int a, b, c;
    cin >> a >> b >> c;

    int neg = 0, even = 0;
    if (a < 0) neg++;
    if (b < 0) neg++;
    if (c < 0) neg++;

    if (a % 2 == 0) even++;
    if (b % 2 == 0) even++;
    if (c % 2 == 0) even++;

    if (neg == 1 && even == 2) cout << "YES";
    else cout << "NO";
    return 0;
}

```

8-masala. Yechim

```

#include <iostream>
using namespace std;

int main() {
    int n;
    cin >> n;
    int a, b;
    cin >> a;
    int mn = 2000000000;

    for (int i = 1; i < n; i++) {
        cin >> b;
        mn = min(mn, a + b);
        a = b;
    }
    cout << mn;
    return 0;
}

```

9-masala. Yechim

```

#include <iostream>
using namespace std;

int main() {
    long long n;
    cin >> n;
    if (n < 0) n = -n;

    long long prod = 1;
    while (n > 0) {
        int d = n % 10;
        prod *= d;
        n /= 10;
    }
    cout << prod;
    return 0;
}

```

10-masala. Yechim

```

#include <iostream>
using namespace std;

bool tub(int x) {
    if (x < 2) return false;

```

```

    for (int i = 2; i * i <= x; i++)
        if (x % i == 0) return false;
    return true;
}

int main() {
    int n;
    cin >> n;
    int cnt = 0;

    for (int i = 1; i <= n; i++) {
        int s = 0, x = i;
        while (x > 0) {
            s += x % 10;
            x /= 10;
        }
        if (tub(s)) cnt++;
    }
    cout << cnt;
    return 0;
}

```